

Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

1 Claim 1 (Canceled)

1 Claim 2 (Previously Presented). An information retrieval apparatus
2 comprising:

3 a data monitoring and content judging means for monitoring a
4 document retrieved from a database in inferring a field to which this
5 document belongs, and

6 a retrieval screen generating means for generating a retrieval screen
7 for a user to perform a retrieval operation taking the inferred field as an
8 object of retrieval and outputting the retrieval screen as data to be
9 displayed together with said retrieved document, wherein

10 a document retrieved from said database is a structured document,
11 and

12 said retrieval screen is a screen of a structured document in which
13 screen a retrieval part is embedded in the retrieved structured document
14 and a user can retrieve.

1 Claim 3 (Previously Presented). An information retrieval apparatus
2 comprising:

3 a data monitoring and content judging means for monitoring a
4 document retrieved from a database in inferring a field to which this
5 document belongs, and

6 a retrieval screen generating means for generating a retrieval screen
7 for a user to perform a retrieval operation taking the inferred field as an
8 object of retrieval and outputting the retrieval screen as data to be
9 displayed together with said retrieved document, wherein

10 a document retrieved from said database is a structured document,
11 and

12 said retrieval screen is a screen of a structured document in which a
13 retrieval part is separate from the retrieved structured document and a user
14 can retrieve.

1 Claim 4 (Previously Presented). An information retrieval apparatus
2 according to claim 2, wherein;
3 output of said retrieval screen generating means is supplied to an
4 input/output means for retrieving and displaying a document stored in said
5 database, and
6 said input/output means displays a retrieval screen outputted by
7 said retrieval screen generating means and retrieves again another
8 document stored in said database by a retrieval operation performed by a
9 user according to this retrieval screen.

1 Claim 5 (Previously Presented). An information retrieval apparatus
2 comprising:
3 a data monitoring and content judging means for monitoring a
4 document retrieved from a database in inferring a field to which this
5 document belongs, and
6 a retrieval screen generating means for generating a retrieval screen
7 for a user to perform a retrieval operation taking the inferred field as an
8 object of retrieval and outputting the retrieval screen as data to be
9 displayed together with said retrieved document, wherein
10 a document retrieved from said database is a structured document,
11 and
12 said data monitoring and content judging means infers a field
13 which the structured document belongs to, using as a criterion of
14 judgement either one or both of the content of text data contained in the
15 structured document and the number of links.

1 Claim 6 (Previously Presented). An information retrieval apparatus
2 comprising:

3 a data monitoring and content judging means for monitoring a
4 document retrieved from a database in inferring a field to which this
5 document belongs, and
6 a retrieval screen generating means for generating a retrieval screen
7 for a user to perform a retrieval operation taking the inferred field as an
8 object of retrieval and outputting the retrieval screen as data to be
9 displayed together with said retrieved document, wherein
10 a document retrieved from said database is given in advance the
11 information for identifying its field, and
12 said data monitoring and content judging means notifies said
13 retrieval screen generating means of a field represented by said identifying
14 information.

1 Claim 7 (Previously Presented). A recording medium having an
2 information retrieval program stored in it, said program making a
3 computer realize a data monitoring and content judging function for
4 monitoring the content of a document retrieved by an input/output device
5 capable of retrieving a document stored in a database and for inferring a
6 field which to said document belongs, and a retrieval screen generating
7 function for generating a retrieval function taking the inferred field as an
8 object of retrieval and providing the retrieval function generated to said
9 input/output device.

1 Claim 8 (Previously Presented). An information retrieval apparatus
2 according to claim 3, wherein
3 output of said retrieval screen generating means is supplied to an
4 input/output means for retrieving and displaying a document stored in said
5 database, and
6 said input/output means displays a retrieval screen outputted by
7 said retrieval screen generating means and retrieves again another
8 document stored in said database by a retrieval operation performed by a
9 user according to this retrieval screen.